

TARIFF DISTRIBUTION

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PURPOSE: Records Only - Clarification of Interconnection of Mobile Service Providers' regulations as they pertain to the channelization requirements and rate applications of DS1 service used to connect to the Company's E911 Network.

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A1. DEFINITION OF TERMS

DROP WIRE

Wires used to connect the circuits of open wire, aerial or underground distribution facilities to the point where connection is made with the inside wiring.

DUAL SERVICE

A service offering which supplies the same dial tone concurrently to two different addresses served from the same wire center during the time of a customer move.

ELECTRONIC WHITE PAGES

Switching equipment facilities, computer hardware and software components utilized for the provision of Electronic White Pages Access service.

ENHANCED SERVICE

The term "enhanced service" shall refer to services, offered by using common carrier transmission facilities, which employ computer processing applications that act on the format, content, code, protocol or similar aspects of the subscriber's transmitted information; provide the subscriber additional, different or restructured information; or involve subscriber interaction with stored information.

ENHANCED SERVICE PROVIDER (ESP)

The term "Enhanced Service Provider" (ESP) denotes a customer that provides enhanced services that may use the Company's transmission facilities. A customer shall be classified as an enhanced service provider only with respect to those basic services which are utilized for provision of enhanced service.

ESINET

Is as defined by the National Emergency Number Association

(N)

(N)

ESSX-1 SERVICE

ESSX-1 Service is a central office service provided by Number 1 Electronic Switching System (ESS) equipment and the associated facilities so arranged as to provide all the capabilities and features of the ESS central office to customers with as few as twenty main stations.

EXCHANGE

The entire plant and facilities used in providing service to subscribers located in an Exchange Service Area.

EXCHANGE ACCESS LINE

All of the Company's Central Office equipment and outside plant facilities that are needed to connect the serving central office to and including the Company provided Standard Network Interface or equivalent.

EXCHANGE LINE

Any line (circuit) directly or indirectly connecting an exchange station with a central office. Exchange lines are subdivided as follows:

a. **Central Office Line:**

A circuit extending from a central office to the location of an individual line or party line main station service or a PBX, ESSX-1, Horizon or Centrex system.

b. **Main Station Line:**

The circuit portion of a main station; the main station line extends from the main service location to the central office.

c. **Extension Station Line:**

The circuit portion of an extension station; the extension station line extends from the extension service location to the main service location or a central connecting point of the main service.

d. **Extension Line:**

A circuit with characteristics similar to an extension station line.

A circuit connecting PBX systems, ESSX-1 and/or Centrex systems.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's)

A35.1.1 General

- A. The services offered herein are for use by Mobile Service Providers (MSP's) to allow interconnection of the wireless or radio network of these carriers to that part of the Public Switched Network (PSN) owned and operated by the Company. MSPs are commercial mobile radio services (CMRS) providers operating under authority of the FCC, as defined in the FCC Rules and Regulations, Part 20. The term MSP shall also include authorized resellers of CMRS and prospective CMRS providers who have been declared spectrum auction winners by the FCC. Circuits furnished by the Company to Mobile Service Providers (MSP's) which do not connect to the PSN, such as radio transmitter control links, are not covered in this Guidebook.
- B. Except as noted, services provided in this Section are subject to all general terms and conditions applicable to the provision of service by the Company as stated in Section A2.
- C. The services provided under this Guidebook shall be used by the MSP only for the handling of traffic originating or terminating on the MSP's network in conjunction with its authorized services.
- D. The services provided by the Company shall not be connected together by the MSP, except on an ancillary basis such as call forwarding, for the purpose of completing a call from one landline telephone to another landline telephone.
- E. DS1 Service
 - 1. The price for a digital trunk termination used in providing DS1 service for twenty-four voice equivalent channel increments contemplates the termination of all twenty-four channels at the same Company switch and at the same physical location at the Company switch. When the mixing of services on the same DS1 does not meet these requirements, the rates and charges for less than twenty-four voice equivalent channels are applicable.
 - 2. The mixing of "line side" and "trunk side" services on the same DS1 is considered to be terminating service at two different physical locations at the Company switch. CMRS Local Loop Lines, one-way outward CMRS Local Loop Trunks, and two-way CMRS Local Loop Trunks are "line side" connections to the Company switch. One-way inward CMRS Local Loop Trunks, CMRS Type 1, CMRS Type 2A, CMRS Type 2B, and 800/DID Service Access trunks are considered "trunk side" connections to the Company switch.
 - 3. Because CMRS Type 1 and CMRS Type 2A terminate at different physical locations at a Company switch, then the mixing of these services on the same DS1 requires that the rates for less than twenty-four voice equivalent channels be applied.
 - 4. DS1 Service that has trunk groups with different Emergency Service Numbers (ESNs) must remain channelized and is considered a mixed service that requires the rates for less than twenty-four voice equivalent channels. When MSP originally orders DS1 Service as mixed service or as less than twenty-four voice equivalent channels, and MSP subsequently installs all 24 trunks with a single ESN, MSP is responsible for notifying the Company to convert the DS1 Service to a twenty-four voice equivalent channel. (N)
 - 5. The rates and charges for twenty-four voice equivalent channel is applicable for a CMRS Type 2C that terminates at a Company demarcation point for an ESInet. (N)
- F. Service Installation Guarantee
 - 1. The company assures that orders for services will be installed and available for customer use no later than the end of normal business hours on the Service Date which is the negotiated date that service is to be made available to the MSP. This Service Installation Guarantee will be in effect for Service Dates negotiated on or after June 20, 1996 and is applicable only to services specified in A35.1 and A35.3.
 - 2. The failure of the Company to meet this commitment will result in the credit of an amount equal to the nonrecurring charges associated with the individual service having the missed Service Date being applied to the MSP's bill. The credit will include only nonrecurring charges associated with the services rated in A35.1 and A35.3 for which nonrecurring charges are applicable and listed. The nonrecurring charges will be credited at the rate at which they were billed. The credit will not be provided if a credit of the same nonrecurring charge for the same service is provided under any other provisions of this Guidebook.
 - 3. For Service Installation Guarantee to apply to the establishment of a dedicated NXX or the subsequent movement of that NXX, the MSP must define the related trunking information necessary to successfully complete an end-to-end test. The MSP must associate the dedicated NXX with an existing active trunk group (two-way or one-way inward) or must establish a new trunk group (two-way or one-way inward) to associate with the dedicated NXX. If a new trunk group is established for this purpose, it must be activated ten days prior to the Service Date of the new or relocated dedicated NXX.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.4 CMRS Type 2 Interconnection (Cont'd)

B. CMRS Type 2B

1. CMRS Type 2B interconnection is a connection between a Company end office and the MSP's point of termination. This type connection provides a high usage route to/from NXX codes located in the end office. This type connection is intended to be used with a CMRS Type 2A interconnection, with first choice routing from the MSP to the end office and overflow allowed via a type 2A connection.

C. CMRS Type 2C'

1. CMRS Type 2C interconnection is a connection between a Company E911 tandem *or a Company demarcation point for an AT&T ESInet*. This type connection provides a route to allow the CMRS's subscriber to place E911 calls.

(C)

(C)

A35.1.5 Circuit Direction Options

A. CMRS Local Loop Line Direction - Voice Grade Facilities
Not required.

B. CMRS Local Loop Trunk Direction - Voice Grade Facilities
See paragraph A35.1.6.A.2.

C. CMRS Type 1 and CMRS Type 2 Circuit Direction - Voice Grade Facilities

	Nonrecurring Charge	Monthly Rate	USOC
1. CMRS Type 1			
(a) Two-way	-	-	BSVBC
(b) One-way Inward (C.O. to MSP)	-	-	BSVB1
(c) One-way Outward (MSP to C.O.)	-	-	BSVBO
2. CMRS Type 2A			
(a) Two-way	-	-	BSVCC
(b) One-way Inward (C.O. to MSP)	-	-	BSVC1
(c) One-way Outward (MSP to C.O.)	-	-	BSVCO
3. CMRS Type 2B			
(a) Two-way	-	-	BSVEC
(b) One-way Inward (C.O. to MSP)	-	-	BSVE1
(c) One-way Outward (MSP to C.O.)	-	-	BSVEO
4. CMRS Type 2C			
(a) CAMA or Feature Group D (as defined in J-STD-034 and TIA/EIA, without the optional pause for acknowledgement)	\$1,630.00	-	MR9CC
(b) SS7/ISUP (as defined in Telcordia GR-2956 Core, CCS/SS7 Generic Requirements in support of E9-1-1 Service)	1,630.00	-	MR9S7

D. CMRS Local Loop Line Direction - DS1 Service

See Network Access Service CAR Package in paragraph A35.1.6.B.3.

E. CMRS Local Loop Trunk Direction - DS1 Service

See Network Access Service CAR Package in paragraph A35.1.6.B.3.

F. CMRS Type 1 and CMRS Type 2 Circuit Direction - DS1 Facilities

See Network Access Service CAR Package in paragraph A35.1.6.B.3.

Note 1: CMRS Type 2C interconnection is a connection between a Company E911 tandem and the MSP's point of termination. This type connection provides a route to allow the CMRS subscriber to place E911 calls.

(N)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service¹ (Cont'd)

2. Less than Twenty Four (24) Voice Equivalent Channel Increments (Cont'd)

c. Voice grade trunk terminations

When less than 24 channels are provided on DS1 service, rates and charges for voice grade trunk terminations apply in addition to facility and channelization rates and charges, for one-way inward CMRS Local Loop Trunks, CMRS Type 1, CMRS Type 2A, CMRS Type 2B and *CMRS Type 2C circuits*. A voice grade trunk termination applies for each channel activated. (C)

(1) CMRS Local Loop Trunks

	Nonrecurring Charge	Monthly Rate	USOC
(a) Direct Inward Dialing (DID) trunk termination equipped for dial pulse address pulsing	\$50.00	\$26.00	RTBAX
(b) DID trunk termination equipped for dual tone multifrequency (DTMF) address pulsing	50.00	33.50	RTBBX
(c) DID trunk termination equipped for multifrequency (MF) address pulsing	50.00	33.50	RTBCX

Note 1: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service¹ (Cont'd)

	Nonrecurring Charge	Monthly Rate	USOC
2. Less than Twenty-Four (24) Voice Equivalent Channel Increments (Cont'd)			
c. Voice grade trunk terminations (Cont'd)			
(2) CMRS Type 1, CMRS Type 2A, CMRS Type 2B <i>or</i> CMRS Type 2C circuits			(C)
(a) Per voice equivalent channel activated	\$12.90	\$37.25	BSVTP
3. Network Access Service			
a. Control Access Register (CAR) package, per voice equivalent channel			
(1) CMRS Type 1			
(a) Two-way	-	10.00	BSVSC
(b) One-way Inward (C.O. to MSP)	-	10.00	BSVS1
(c) One-way Outward (MSP to C.O.)	-	10.00	BSVSO
(2) CMRS Type 2A or Type 2C			
(a) Two-way	-	10.00	BSVTC
(b) One-way Inward (C.O. to MSP)	-	10.00	BSVT1
(c) One-way Outward (MSP to C.O.)	-	10.00	BSVTO
(3) CMRS Type 2B			
(a) Two-way	-	10.00	BSVMC
(b) One-way Inward (C.O. to MSP)	-	10.00	BSVM1
(c) One-way Outward (MSP to C.O.)	-	10.00	BSVMO
(4) CMRS Local Loop Trunks			
(a) Two-way with expanded 7 digit dialing	-	10.00	CAR2T
(b) One-way Inward (C.O. to MSP)	-	10.00	CAR1T
(c) One-way Outward (MSP to C.O.) with expanded 7 digit dialing	-	10.00	CAROT
(5) CMRS Local Loop Lines			
(a) Two-way with expanded 7 digit dialing	-	10.00	CAR2L
4. Channelization at the MSP location (optional)			
a. Channelization may be provided upon request at the MSP location at the rates specified for MegaLink channel service, per B7.3 of the Private Line Guidebook, to include a basic system of 24 channels at the customer premises, plus feature activation charges for the number of channels ordered.			
Note 1: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.			